UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 1520A1

Total Pages in this Submission 58

(Only for new nonprovisional applications under 37 CFR 1.53(b))

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231									
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for invention entitled:									
III V CITATOTT C	10.00	ND APPARATUS FOR							
and invente			ica C. Langford	l, James V. Latch, Thomas S. Molenda, Christopher W. Umbl					
Robert B	TOOK	es, Iviai k A. Hollisoli, Li	isa S. Langioru	i, James V. Laten, Thomas S. Molenda, Christopher W. Ombi					

⊒ਂ └─── ਯੀf a CONT	INUA	TION APPLICATION,	 check appropr	iate box and supply the requisite information:					
⊓ ≟ □ Conti				ation-in-part (CIP) of prior application No.:					
Which is a	:								
☐ Conti	nuat	ion 🗌 Divisional	☐ Continua	ation-in-part (CIP) of prior application No.:					
Which is a	:								
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:									
X) Clai	ms t d Ju	enerit of the fill 11y 28, 1999.	.ing date o	f Provisional Application No. 60/146,039					
	are.		Appli	ication Elements					
1. 🛮 Filing fee as calculated and transmitted as described below									
	1 11111	g lee as calculated and	transmitted as	s described below					
2. 🛚	Spe	cification having	40	pages and including the following:					
a.	×	Descriptive Title of the	Invention						
b.	b. Cross References to Related Applications (if applicable)								
C.	c. Statement Regarding Federally-sponsored Research/Development (if applicable)								
d.	d. Reference to Microfiche Appendix (if applicable)								
e.	e. 🗵 Background of the Invention								
f.	×	Brief Summary of the Invention							
g.	×	Brief Description of the Drawings (if drawings filed)							
h.	×	Detailed Description							
· i.	×	Claim(s) as Classified	Below						
j.	×	Abstract of the Disclos	sure						
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3	3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)							
		a.		Formal	Number of Sheets					
		b.	×	Informal	Number of Sheets	5				
4	1.	×	Oath or Declaration							
		a.	×	Newly executed (or	ginal or copy)	Unexecuted				
		b.	b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)							
		C.	☑ With Power of Attorney ☐ Without Power of Attorney							
5 .		d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).							
	5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
-	6 .		Computer Program in Microfiche (Appendix)							
. G., G.,	7.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)							
ė Ti		a.	☐ Paper Copy							
		b.	□ Computer Readable Copy (identical to computer copy)							
c. Statement Verifying Identical Paper and Computer Readable Copy										
			Accompanying Application Parts							
;	8.	×	Assignment Papers (cover sheet & document(s))							
!	9.		37 CFR 3.73(B) Statement (when there is an assignee)							
1	0.	<u> </u>	English Translation Document (if applicable)							
1	1.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations							
1	2.		Preliminary Amendment							
1	3.	×	Acknowledgment postcard							
1	4.	×	☑ Certificate of Mailing							
				First Class 🖾	Express Mail <i>(Specif</i>)	/ Label No.): <u>EL542855375US</u>				

Application Elements (C ntinued)

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Total Pages in this Submission 58

Acc mpanying Applicati n Parts (Continued)

15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)							
16.	☐ Additional Enclosures (please identify below):								
	Fee Calculation and Transmittal								
	CLAIMS AS FILED								
	For		#Filed	#Allowed	#Extra		Rate	Fee	
Total	Clain	าร	46	- 20 =	26	×	\$18.00	\$468.00	
Indep	. Clai	ms	5	- 3 =	2	×	\$78.00	\$156.00	
Multip	Multiple Dependent Claims (check if applicable)								
BASIC FEE \$690.00								\$690.00	
OTHER FEE (specify purpose) \$0.00								\$0.00	
				<u>.</u>			TOTAL FILING FEE	\$1,314.00	
 □ A check in the amount of to cover the filing fee is enclosed. ☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed. ☑ Charge the amount of \$1,314.00 as filing fee. ☑ Credit any overpayment. 									
 ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). 									
Dated	Kenneth J. Stachel, Esq.								
Pittsburgh, Pennsylvania CC:									